

**PUBLIC HEALTH AND MEDICAL (EMERGENCY FUNCTION 08)
SITUATION REPORT
EBOLA VIRUS DISEASE, 2014
DATE OF REPORT: OCTOBER 16, 2014
OPERATIONAL PERIOD: OCTOBER 13 - OCTOBER 17, 2014
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
EMERGENCY MEDICAL SERVICES AUTHORITY**

EXECUTIVE SUMMARY

There are currently no suspected or confirmed cases of the Ebola Virus Disease (EVD) in California. The risk of EVD to the public is very low. Healthcare providers may be at a higher risk for EVD infection.

The outbreak of EVD in the West African nations of Guinea, Sierra Leone, and Liberia continues to expand but does not pose a significant risk to the United States. As of October 12, the World Health Organization has reported a cumulative total of 8997 suspect, probable, and confirmed cases and 4493 deaths.

The CDC, California Department of Public Health (CDPH), and Emergency Medical Services Authority (EMSA) continue to prepare for the management of potential EVD cases in California.

CDPH continues to work with the healthcare community and local health jurisdictions to identify potential suspect cases and avoid spread of the disease. New guidelines and updated guidelines released by CDC are posted on the CDPH website available at: (<http://cdph.ca.gov/programs/cder/Pages/Ebola.aspx>). CDPH and local health jurisdictions are monitoring the situation closely and are taking steps to keep the public safe. EMSA has developed guidelines for Emergency Medical Services (EMS) personnel based on the recommendations of CDC and the California Department of Industrial Relations (DIR). The guidelines have been distributed to Local Emergency Medical Services Agency (LEMSA) Administrators, LEMSAs Medical Directors and the Regional Disaster Medical Health Coordination (RDMHC) Program; these guidelines will be updated as the situation evolves. The document is posted on EMSA's website at http://www.emsa.ca.gov/ebola_control.

CDPH continues to recommend that healthcare providers implement the protocols established by the CDC about how to detect and isolate patients who may have EVD and about how healthcare workers exposed to EVD can be protected. The CDC advises that healthcare providers in the U.S. should consider an EVD infection in the

differential diagnosis of febrile illness, with compatible symptoms, in any person with recent (within 21 days) travel history in the affected West African nations. The CDC advises people returning from the affected areas who may be at high risk for EVD should be promptly isolated and their blood sent to CDC for testing.

DUTY OFFICERS ON CALL

Table 1. Duty Officers On Call		
Agency/Program	Duty Officer Information	
CDPH Duty Officer	Name:	Jerry Fuhrman
	Contact Information:	916-328-3605
EPO Duty Officer	Name:	John Wogec
	Contact Information:	916-328-9025
EMSA Duty Officer	Name:	Markell Pierce
	Contact Information:	916-423-0911

CDPH/DHCS/EMSA CURRENT OPERATIONS

The CDPH internal workgroup to address all public health aspects of the EVD response meets bi-weekly.

Center for Infectious Diseases (CID) Division of Communicable Disease Control (DCDC)

- **Epidemiology**
 - Significant Issues: See documents listed below.
 - Critical Issues: Expanding the staffing for the Richmond Campus Coordination Center (RCCC) to meet the surge demands.
 - Program Impacts:
 - Continue to provide technical consultation for Ebola to local health departments
 - Monitoring reported Ebola cases and clinical cases
 - Expanding structure to include veterinary issues, animals and Ebola.
 - Implementing a team to develop contract tracing and monitoring of traveler guidelines.
- **Surveillance**
 - All suspect cases must be reported to the local health jurisdiction. The local health jurisdictions will work with the DCDC clinical consultants to determine both the clinical criteria and risk factors for persons suspected of having EVD.

- **Laboratory**

- Significant Issues:
 - The CDC is evaluating whether additional Laboratory Resource Network labs will be selected to perform the Ebola Zaire (EZ1) rRT-PCR assay. Currently the Los Angeles Public Health Lab (LA PHL) is one of 13 US labs approved for testing Ebola samples.
 - If local laboratories (other than Los Angeles) are contacted regarding suspect clinical samples for EVD testing, they should contact CDPH.
 - CDPH Viral and Rickettsial Disease Laboratory (VRDL) is performing a risk and resource assessment to determine feasibility and readiness to test patient samples. Ebola rRT-PCR kit will be received from CDC if this is to occur, and VRDL will be required to test and pass a validation panel prior to testing any suspect specimens.
- Critical Issues:
 - Identification of usable Biosafety Level 3 containment laboratory to handle and inactivate clinical samples.
- Program Impacts:
 - If testing is implemented at VRDL:
 - Likely have significant impact on personal protective equipment (PPE) supplies at VRDL. Other supplies needed for purchase will likely be minimal since kits are provided by CDC.

Infection Control

- CDPH is collaborating with DIR/CalOSHA to develop personal protective measures/guidelines and decontamination procedures.
- Critical Issues: None
- Program Impacts: No change

Information Officer Activities

- Key Messages
 - Ebola is NOT an airborne transmitted virus. Isolation and personal protective equipment are focused on CONTACT ISOLATION as recommended by the CDC.
 - CDPH and EMSA have a plan and processes for response to Ebola.
 - California's hospitals have the capability and capacity to manage Ebola patients.

- DCDC is receiving an increased number of public and healthcare partner-related questions via email and will be responding as time allows. The Richmond Campus Coordination Center (RCCC) is tracking the number of inquiries and will report numbers of inquiries on October 17, 2014.
 - DCDC has requested the MHCC for possible activation of a Joint Information Center (JIC) to manage the number of inquiries.

RCCC Activities

The RCCC remains activated at Level 1 with minimal staffing. Hours of operation are 8:00 am to 5:00 pm, Monday through Friday. The DCDC and CDPH Duty Officers provide 24/7 after-hours coverage.

- Significant Issues and Activities:
 - Participated on other conference calls led by CDC and the Association of State and Territorial Health Officers (ASTHO).
- Critical Issues: None
- Resource Requests/Needs:
 - World Courier account for Ebola shipping
 - Cache of cell phones for responders (received 2 from EPO, mobilized one from CDER to date)

Medical Countermeasures

- There are no updates at this time.

Community Mitigation

- There are no updates at this time.

Other DCDC Actions

Documents in Development, In Process of Update, or Released by CDPH

- CD Brief: Update on Ebola
- Medical Flyer for hospital E.D.s, and Clinics (English and Spanish Versions)
- Legislative Inquiry to CDPH regarding the EVD
- Response to Media Inquiries

Environmental Management Branch (EMB)

- CDPH EMB Medical Waste Management Program (MWMP) is developing an Ebola medical waste handling template consistent with CDC guidelines and in collaboration with the California Hospital Association that can be utilized by all hospitals. The draft document is currently with management for approval.
- The DOT has indicated that states may apply for exemptions to the Category A: Infectious Substance packaging requirements.

Emergency Preparedness Office (EPO)

- CDPH and EMSA continue activation of the Medical and Health Coordination Center (MHCC) on October 8 to support activities of the RCCC and departmental programs, and enhance communication between emergency response and preparedness partners in California.
- MHCC and EPO management regularly participate in teleconferences regarding EVD with Federal, State, and local partners, assist in development of guidance documents, and coordinate CDPH program actions.
- MHCC maintains an incident on the Cal EOC website.
- CHPH has contracts in place with World Courier to accommodate transport of EVD samples.

Licensing and Certification Branch

- L&C issued AFL 14-22, *Ebola Virus and Disease Information and Preparedness*. Please note this document is aimed at our primary care clinics.

CAHAN ALERTS

None

EMSA CURRENT OPERATIONS

- EMSA has issued guidelines for EMS personnel based upon CDC recommendations through the RDMHC and Medical and Health Coordination (MHOAC) Programs. EMSA is prepared to continue coordination with EPO, RDMHC, and MHOAC Programs.

OPERATIONAL AREA CURRENT IMPACTS/ACTIONS

- Current impacts/actions for Operational Areas are not included in this situation report as local situation reports have not been requested or provided at this time.

STATE/REGION OVERVIEW

Table 2. State/Region Overview		
Region/State	Proclamation/Declaration	Activation
MHCC	None	Level I

PUBLIC INFORMATION

10/15/2014

Nadine Abott, Reporting San Diego
 Susan Abram, Los Angeles Daily News
 Ben Adler, Capital Public Radio
 Susan Bar, Kearn Valley News
 Michael Bott, KXTV-TV (Sacramento)
 Andres Brender, KSTS-TV (San Jose, Telemundo)
 Eryn Brown, Los Angeles Times
 Michael Cabanabua, San Francisco Chronicle
 Gary Cohen, 24/7 News Service
 Gerri Constant, KCAL-TV (Los Angeles)
 Mary-Liz Cortese, KGO Radio (San Francisco)
 Cynthia Craft, Sacramento Bee
 April Dembosky, KQED-FM (San Francisco)
 Laura Dudnick, San Francisco Examiner
 Ellen Ellery, KTVU-TV (San Francisco)
 Judy Farah, KFBK-AM
 Marianne Favro, KNTV-TV (San Jose)
 Carol Ferguson, KBAK-TV (Bakersfield)
 Bianca Graulau, KXTV-TV (Sacramento)
 Taylor Haney, Annenberg News
 Dan Kerman, KRON-TV (San Francisco)
 Lisa Krieger, San Jose Mercury News
 Camillia Lanham, Santa Maria Sun
 Elizabeth Larson, Lake County News
 Portia Li, World Journal
 Judy Lin, Associated Press
 Joe Michaels, KFBK-AM (Sacramento)
 Monte Morin, Los Angeles Times
 Mike Murray, KFBK-FM (Sacramento)
 My Nguyen, Palo Alto Weekly
 Lata Pandya, PCET-TV (Southern California)
 Claudia Peschiutta, KNX-AM
 Rebecca Plevin, KPCC-FM (Pasadena)

Allen Prock, KGET-TV (Bakersfield)
Simon Quiu, The China Press
Dennis Rademacher, JOEX-DTV (Japan)
Lonni Rivera, CTNS-TV (Sacramento)
Kathy Robertson, Sacramento Business Journal
Diane Ronnau, CBS News
Jennifer Seelig, KCBS Radio
Sharokina Shams, KCRA-TV (Sacramento)
Ron Shinkman, Payers & Providers
David Singer, KNX-AM (Los Angeles)
Paul Sisson, San Diego Union Tribune
Jeff Stalk, City News Service Los Angeles
Carolyn Tyler, KGO-TV (San Francisco)
Allison Vekshin, Bloomberg News
Paul Westbrook, KCRA-TV (Sacramento)
Michael Clark, KGO-TV (San Francisco)
Jesus Gonzalez, KUVS-TV (Sacramento/Univision)
Ralph Cervantes, KOVR-TV (Sacramento)
Marin Austin, KTXL-TV (Sacramento)
Ken Cavalli, CTNS-TV (Sacramento)
Bianca Graulau, KXTV-TV (Sacramento)
Kelly Ryan, KOVR-TV (Sacramento)
James Taylor, KOVR-TV (Sacramento)

10/14/2014

David Bienick, KCRA-TV (Sacramento)
Mallory Russell, Capitol Television News Service (Sacramento)
Lisa Krieger, San Jose Mercury News

10/13/2014

Diane Ronnau, CBS Evening News and Derek Shore, KOVR-TV

Guidance Documents

CDC documents listed below are available on the CDC website (CDC.gov). CDPH documents listed below are available on the CDPH website (CDPH.ca.gov). The American Society of Microbiology (ASM) document can be found on the ASM website (www.asm.org).

Table 3. Guidance Documents			
Title	Source	Document Date	Distributed
Health Alert on Ebola HAN 00363	CDC	7/28/2014	8/1/2014
Infection Prevention and Control Recommendations for HCF	CDC	8/1/2014	8/1/2014, 8/8/2014
Case Definition (Person Under Investigation [PUI])	CDC	8/7/2014	8/8/2014
Interim Guidance for Specimen Collection, Transport, Testing and Submission for Patients with Suspected Infection with Ebola Virus Disease	CDC	8/6/2014	8/8/2014 8/15/2014
Case Definition (Person Under Investigation [PUI])	CDC	8/7/2014	8/15/2014
Guidance for Specimen Transport	DCDC	8/2014	8/15/2014 8/22/2014 8/29/2014
Interim Guidance for Specimen Collection, Transport, Testing and Submission for Patients with Suspected Infection with Ebola Virus Disease	CDC	8/22/2014	8/22/2014
Updated poster depicting the sequence for putting on and removing personal protective equipment (PPE)	CDC	8/18/2014	CD Brief 8/22/2014
Viral Hemorrhagic Fever Case Report Form	CDPH	8/22/2014	8/22/2014 8/29/2014
Case Definition (Person Under Investigation [PUI])	CDC	8/22/2014	8/22/2014 8/29/14
Interim Guidance for Environmental Infection Control in Hospitals for Ebola Virus	CDC	8/19/2014	CAHAN 8/22/2014 CD Brief 8/22/2013
Key Points – Ebola Virus Disease, West Africa	CDC	8/27/2014	8/28/2014
HAN 368: Ebola Response Update #4	CDC	8/28/2014	8/28/2014
Guidance for Safe Handling of Human Remains of Ebola Patients in U.S. Hospitals and	CDC	8/25/2014	CD Brief 8/29/2014

Mortuaries			
Interim Lab Guidelines for Handling/Testing EVHF Specimens	ASM	8/21/2014	
Interim Guidance for Specimen Collection, Transport, Testing and Submission for Patients with Suspected Infection with Ebola Virus Disease.	CDC	8/26/2014	8/29/2014
Interim Guidance for 9-1-1 public safety answering points (PSAPs) and emergency medical services (EMS) systems for managing patients with known or suspected Ebola in the United States	CDC	8/26/2014	8/29/2014
Ebola Flyer for Medical Centers	DCDC	8/2014	8/29/2014
Factsheet: Interim Guidance for Specimen Collection, Transport, Testing and Submission for Patients with Suspected Infection with Ebola Virus Disease	CDC	8/21/2014	8/29/2014
Interim Guidance for Monitoring and Movement of Persons with Ebola Exposure	CDC	8/22/2014	8/29/2014
CDC Infection Prevention and Control Recommendations for Hospitalized Patients with Known or Suspected Ebola Hemorrhagic Fever in U.S. Hospitals	CDC	8/19/2014	8/29/2014
CDC Advice for Colleges and Universities and Students about Ebola in West Africa	CDC	8/29/2014	9/5/2014
CDC Healthcare provider preparedness checklist for Ebola virus disease	CDC	9/12/2014	9/12/2014
CDC Healthcare facility preparedness checklist for Ebola virus disease	CDC	9/12/2014	9/12/2014
CDC HAN 371: Evaluating Patients for Possible Ebola Virus Disease: Recommendations for	CDC	10/2/2014	10/2/2014

Healthcare Personnel and Health Officials			
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RESOURCE REQUESTS

None

FINANCIAL IMPACTS

None